

L Number	Hits	Search Text	DB	Time stamp
13	35	ridge near6 (clad cladding) and algan and (light-emitting light adj emitting) and ridge.ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/07 09:58
14	12432	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/07 09:59
15	32	((372/43) or (372/44) or (372/45) or (372/46) or (372/47) or (372/48) or (372/49) or (372/50)).CCLS.) and ridge.ti,ab,clm. and nitride and (clad cladding) near10 (micron micrometer nm nanometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/07 10:45
16	4	(US-5953357-\$ or US-6031858-\$ or US-6044098-\$ or US-6052399-\$).did.	USPAT	2003/07/07 10:44
17	4	((US-5953357-\$ or US-6031858-\$ or US-6044098-\$ or US-6052399-\$).did.) and ridge.ti,ab,clm. and nitride and (clad cladding) near10 (micron micrometer nm nanometer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/07 11:19
18	2	("6266355").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/07 11:19
-	2	("5578839") or ("5777350")).PN.	USPAT	2002/02/23 14:05
-	14	((cladding adj layer near12 algan) near12 (al or aluminum or aluminium)) near12 (content or percent\$3 or ratio)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 14:50
-	14	((cladding adj layer near12 algan) near12 (al or aluminum or aluminium)) near12 (content or percent\$3 or ratio)) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 15:05
-	97	optical adj guide adj layer and light adj emitting adj device	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 15:07
-	97	((aluminum or al or aluminium) with composition adj ratio) and light adj emitting adj device	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 15:08
-	58	((aluminum or al or aluminium) with composition adj ratio) and light adj emitting adj device) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 15:34
-	194	(composition ratio near12 (al or aluminum or aluminium)) near12 (cladding adj layer) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 15:36
-	9	(composition ratio near8 (al or aluminum or aluminium)) near8 (cladding adj layer) and (nitride same light adj emitting) and crack\$3 and band adj gap and refractive adj index	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 16:43
-	1	nitride.ti,ab. and light adj emitting.ti,ab. and ((aluminum near12 cladding) near12 (thick or thickness))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 16:51

-	7	light adj emitting.ti,ab. and ((aluminum near12 cladding) near12 (thick or thickness)) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 17:45
-	2	(band adj gap near12 indium) near12 (algainn or alingan or gainaln or ingaaln)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 18:05
-	3	5886367.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 19:41
-	4	algainn near12 refractive adj index	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 19:09
-	101	(optical adj guide near12 active adj layer) and light adj (emitting or light-emitting).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 19:11
-	22	(optical adj guide near6 active adj layer) and light adj (emitting or light-emitting).ti,ab. and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 19:11
-	5	hayashi.in. and light adj emitting.ti,ab.	US-PGPUB	2002/02/23 20:48
-	623	((257/96) or (257/97)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 20:51
-	478	((257/96) or (257/97)).CCLS.	USPAT	2002/02/23 20:54
-	50	leakage and (("257/96") or ("257/97")).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:00
-	4	(leakage and (("257/96") or ("257/97")).CCLS.) and leakage adj3 layer	USPAT; US-PGPUB;	2002/02/23 21:06
-	0	((leakage and (("257/96") or ("257/97")).CCLS.) and leakage adj3 layer) and nitride	EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:10
-	96	leakage adj current and nitride and active adj layer and light adj emitting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:14
-	94	leakage adj current and nitride and active adj layer and light adj emitting and (aluminum or al)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:13
-	41	leakage adj current and nitride and active adj layer and light adj emitting.ti,ab. and (aluminum or al)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:13
-	0	leakage adj current and nitride and active adj layer and light adj emitting and leakage adj2 (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:15

-	3	leakage adj current and active adj layer and light adj emitting and leakage adj2 (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:16
-	35	nakamura.in. and (blue near6 light-emitting)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 11:33
-	3	(nakamura.in. and (blue near6 light-emitting)) and leak\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 11:48
-	236	((leak\$3 near4 prevent\$3) near4 (layer or film)) and light adj emitting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 11:51
-	98	((leak\$3 near4 prevent\$3) near4 (layer or film)) and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 11:51
-	13	((leak\$3 near4 prevent\$3) near4 (layer or film)) and light adj emitting.ti,ab. and aluminum and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 11:57
-	47	((leak\$3 near4 prevent\$3) near4 (layer or film)).ti,ab. and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 11:58
-	5	((leak\$3 near4 prevent\$3) near4 (layer or film)).ti,ab. and light adj emitting.ti,ab. and nitride.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 12:46
-	0	ridged adj portion near6 cladding adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 12:48
-	1	ridged adj portion and light adj emitting.ti,ab. and nitride	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 13:25
-	116	(multiple adj quantum adj well or mqw) with advantage	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 13:26
-	6	((multiple adj quantum adj well or mqw) with advantage) and (light-emitting adj device or light adj emitting adj device).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:02
-	0	electric adj field adj distribution with laser adj light with (mqw or multiple adj quantum adj well)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:03
-	3	electric adj field adj distribution near12 (mqw or multiple adj quantum adj well)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:09

-	0	electric adj field adj distribution near12 (laser adj cavity)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:10
-	4	hayashi.in. and nitride and light adj emitting and leak\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:18
-	42	current adj blocking adj (film or layer) and light adj emitting.ti,ab. and nitride and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:19
-	20	(current adj blocking adj (film or layer) near12 strip\$3) and light adj emitting.ti,ab. and nitride and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:21
-	13	(current adj blocking adj (film or layer) near12 strip\$3) and light adj emitting.ti,ab. and nitride and aluminum and (blue or violet)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:26
-	6	((current adj blocking adj (film or layer) near12 strip\$3) near12 (window or opening)) and light adj emitting.ti,ab. and nitride and aluminum and (blue or violet)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:35
-	0	((current adj blocking adj (film or layer) near12 strip\$3) near12 (window or opening)) near12 advantage) and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 15:39
-	37	optical adj guide adj (layer or film) near12 (contact adj layer or electrode) and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 15:41
-	16	optical adj guide adj (layer or film) near12 (contact adj layer or electrode) and light adj emitting.ti,ab. and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:03
-	345	(257/81).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	796	(257/82).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	665	(257/94).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	233	(257/95).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	1332	(257/99).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04

-	922	(257/103).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	1122	(372/75).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	461	(257/79).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:05
-	461	(257/79).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:05
-	187	(257/79).CCLS.	USPAT	2002/02/24 16:10
-	5496	((("257/80").CCLS.) or ((("257/81").CCLS.) or ((("257/82").CCLS.) or ((("257/94").CCLS.) or ((("257/95").CCLS.) or ((("257/99").CCLS.) or ((("257/103").CCLS.) or ((("372/75").CCLS.) or ((("257/79").CCLS.) or ((("257/79").CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:11
-	54	((("257/80").CCLS.) or ((("257/81").CCLS.) or ((("257/82").CCLS.) or ((("257/94").CCLS.) or ((("257/95").CCLS.) or ((("257/99").CCLS.) or ((("257/103").CCLS.) or ((("372/75").CCLS.) or ((("257/79").CCLS.) or ((("257/79").CCLS.)) and optical adj guide adj (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:58
-	5	((("257/80").CCLS.) or ((("257/81").CCLS.) or ((("257/82").CCLS.) or ((("257/94").CCLS.) or ((("257/95").CCLS.) or ((("257/99").CCLS.) or ((("257/103").CCLS.) or ((("372/75").CCLS.) or ((("257/79").CCLS.) or ((("257/79").CCLS.)) and (clad\$4 adj (layer or film) near12 disadvantage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 17:45
-	2	61-77292.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 18:03
-	3	5886367.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 21:27
-	2	6069394.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 21:27
-	22	(US-6258619-\$ or US-5578839-\$ or US-5777350-\$ or US-6242761-\$ or US-6084252-\$ or US-6107644-\$ or US-6172382-\$ or US-6232623-\$ or US-6054716-\$ or US-6060730-\$ or US-6307219-\$ or US-6298079-\$ or US-6072197-\$ or US-6153894-\$ or US-5874747-\$ or US-6323052-\$ or US-6281032-\$ or US-5537433-\$ or US-5886367-\$ or US-6069394-\$ or US-6083841-\$).did. or (US-20020003234-\$).did.	USPAT; US-PGPUB	2002/10/11 15:35

-	113	(band adj gap or band adj energy or energy adj gap) same (ingan or gainn) same gan	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 15:38
-	72	(band adj gap or band adj energy or energy adj gap) same (ingan or gainn) same gan same (light-emitting or light adj emitting or active)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 15:39
-	43	(band adj gap or band adj energy or energy adj gap) same (ingan or gainn) same gan same active adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 15:40
-	13	(band adj gap or band adj energy or energy adj gap) same (ingan or gainn) same gan same active adj layer same (higher or lower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 16:35
-	1	gan near12 guid\$3 adj layer same (ingan or gainn) near12 active adj layer and electrode near12 guid\$3 adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 16:39
-	35	gan near12 guid\$3 adj layer same (ingan or gainn) near12 active adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 17:31
-	4479	((257/79) or (257/80) or (257/81) or (257/82) or (257/94) or (257/95) or (257/99) or (372/103)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 17:33
-	5	((257/79) or (257/80) or (257/81) or (257/82) or (257/94) or (257/95) or (257/99) or (372/103)).CCLS.) and (optical adj guide or guid\$3 adj layer) near12 ridge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 17:41
-	48	((257/79) or (257/80) or (257/81) or (257/82) or (257/94) or (257/95) or (257/99) or (372/103)).CCLS.) and (optical adj guide or guid\$3 adj layer) and ridge	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/10/11 17:42
-	2217	((257/79) or (257/81) or (257/99)).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/10/12 19:40
-	2595	guid\$3 near1 layer and contact	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/10/12 19:41
-	42	((257/79) or (257/81) or (257/99)).CCLS.) and (guid\$3 near1 layer and contact)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/10/12 21:18
-	2	("6266355").PN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/10/12 21:18
-	455	(257/80).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/10/13 18:36

-	4439	ridge near12 thickness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/13 18:37
-	87	ridge near12 thickness and 257/\$6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/13 18:38
-	125	ridge near12 (thickness or thick) and 257/\$6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/13 18:56
-	21	(US-5960020-\$ or US-6232623-\$ or US-6278137-\$ or US-6316785-\$ or US-5696626-\$ or US-5455433-\$ or US-5581116-\$ or US-4510519-\$ or US-4575919-\$ or US-4961197-\$ or US-5418374-\$).did. or (US-20020084452-\$ or US-20020125488-\$ or US-20010010373-\$ or US-20010010941-\$ or US-20010035532-\$ or US-20020003234-\$ or US-20020024052-\$ or US-20020053676-\$).did. or (EP-525779-\$).did. or (JP-61042179-\$).did.	USPAT; US-PGPUB; EPO; JPO	2002/10/13 18:58
-	21	((US-5960020-\$ or US-6232623-\$ or US-6278137-\$ or US-6316785-\$ or US-5696626-\$ or US-5455433-\$ or US-5581116-\$ or US-4510519-\$ or US-4575919-\$ or US-4961197-\$ or US-5418374-\$).did. or (US-20020084452-\$ or US-20020125488-\$ or US-20010010373-\$ or US-20010010941-\$ or US-20010035532-\$ or US-20020003234-\$ or US-20020024052-\$ or US-20020053676-\$).did. or (EP-525779-\$).did. or (JP-61042179-\$).did.) and (thickness or thick) near12 ridge	USPAT; US-PGPUB; EPO; JPO	2002/10/13 19:32
-	89	257/\$6.ccls. and (thick or thickness) near6 ridge	USPAT; US-PGPUB; EPO; JPO	2002/10/13 19:31
-	2	((US-5960020-\$ or US-6232623-\$ or US-6278137-\$ or US-6316785-\$ or US-5696626-\$ or US-5455433-\$ or US-5581116-\$ or US-4510519-\$ or US-4575919-\$ or US-4961197-\$ or US-5418374-\$).did. or (US-20020084452-\$ or US-20020125488-\$ or US-20010010373-\$ or US-20010010941-\$ or US-20010035532-\$ or US-20020003234-\$ or US-20020024052-\$ or US-20020053676-\$).did. or (EP-525779-\$).did. or (JP-61042179-\$).did.) and (".mu.m" or micron or nm) near12 ridge	USPAT; US-PGPUB; EPO; JPO	2002/10/13 19:52
-	7	257/\$6.ccls. and (purpose or advantage) near3 ridge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/13 20:01
-	14	257/\$6.ccls. and ridge.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/13 20:04
-	16	257/\$6.ccls. and (ridge and (light-emitting or light adj emitting)).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/13 20:06

-	2	("6266355").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 13:31
-	1881	laser.ti. and blocking adj layer.ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 13:32
-	16	laser.ti. and blocking adj layer.ti,ab,clm. and nitride.ti,ab,clm. and gallium and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 13:33
-	2	("5290393").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:09
-	0	(algan near3 (clad or cladding) adj layer and (257/\$6.ccls. or 372/\$6.ccls.)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:10
-	0	(algan near6 (clad or cladding) adj layer and (257/\$6.ccls. or 372/\$6.ccls.)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:10
-	151	algan near6 (clad or cladding) adj layer and (257/\$6.ccls. or 372/\$6.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:10
-	37	algan near6 (clad or cladding) adj layer and (257/\$6.ccls. or 372/\$6.ccls.) and laser.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:23
-	27	method.ti,ab,clm. near6 (algan or alumin\$um adj gallium adj nitride)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 15:26
-	0	method.ti,ab,clm. near6 (algan or alumin\$um adj gallium adj nitride) near20 (low-temperature or low adj temperature)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:26
-	5	((("6266355") or ("4961197") or ("5974069") or ("5812576") or ("6177359"))).PN.	USPAT	2002/10/14 15:40
-	5631	((372/45) or (372/46) or (372/47) or (372/48) or (372/49)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 15:41
-	1	((((372/45) or (372/46) or (372/47) or (372/48) or (372/49)).CCLS.) and (gainn or gallium adj indium adj nitride) near12 active and block\$3 adj layer near12 stripe and guid\$3 adj layer and clad\$4 adj layer near12 (algan or alumin\$um adj gallium adj nitride) and ridge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 15:44
-	72	ridge near6 (clad cladding) and algan and (light-emitting light adj emitting)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/07 09:17



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1	2	("6266355").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 13:31
2	1881	laser.ti. and blocking adj layer.ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 13:32
3	16	laser.ti. and blocking adj layer.ti,ab,clm. and nitride.ti,ab,clm. and gallium and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 13:33
6	2	("5290393").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:09
7	0	(algan near3 (clad or cladding) adj layer and (257/\$6.ccls. or 372/\$6.ccls.)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:10
8	0	(algan near6 (clad or cladding) adj layer and (257/\$6.ccls. or 372/\$6.ccls.)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:10
9	151	algan near6 (clad or cladding) adj layer and (257/\$6.ccls. or 372/\$6.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:10
10	37	algan near6 (clad or cladding) adj layer and (257/\$6.ccls. or 372/\$6.ccls.) and laser.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:23
11	27	method.ti,ab,clm. near6 (algan or aluminum adj gallium adj nitride)	USPAT; US-PGPUB;	2002/10/14 15:26
12	0	method.ti,ab,clm. near6 (algan or aluminum adj gallium adj nitride) near20 (low-temperature or low adj temperature)	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 14:26
13	5	((("6266355") or ("4961197") or ("5974069") or ("5812576") or ("6177359"))).PN.	USPAT	2002/10/14 15:40
14	5631	((372/45) or (372/46) or (372/47) or (372/48) or (372/49)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 15:41
15	1	((((372/45) or (372/46) or (372/47) or (372/48) or (372/49)).CCLS.) and (gainn or gallium adj indium adj nitride) near12 active and block\$3 adj layer near12 stripe and guid\$3 adj layer and clad\$4 adj layer near12 (algan or aluminum adj gallium adj nitride) and ridge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/14 15:44
-	2	((("5578839") or ("5777350"))).PN.	USPAT	2002/02/23 14:05
-	14	((cladding adj layer near12 algan) near12 (al or aluminum or aluminium)) near12 (content or percent\$3 or ratio)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 14:50

-	14	((cladding adj layer near12 algan) near12 (al or aluminum or aluminium)) near12 (content or percent\$3 or ratio)) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 15:05
-	97	optical adj guide adj layer and light adj emitting adj device	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 15:07
-	97	((aluminum or al or aluminium) with composition adj ratio) and light adj emitting adj device	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 15:08
-	58	((aluminum or al or aluminium) with composition adj ratio) and light adj emitting adj device) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 15:34
-	194	(composition ratio near12 (al or aluminum or aluminium)) near12 (cladding adj layer) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 15:36
-	9	(composition ratio near8 (al or aluminum or aluminium)) near8 (cladding adj layer) and (nitride same light adj emitting) and crack\$3 and band adj gap and refractive adj index	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 16:43
-	1	nitride.ti,ab. and light adj emitting.ti,ab. and ((aluminum near12 cladding) near12 (thick or thickness))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 16:51
-	7	light adj emitting.ti,ab. and ((aluminum near12 cladding) near12 (thick or thickness)) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 17:45
-	2	(band adj gap near12 indium) near12 (algainn or alingan or gainaln or ingaaln)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 18:05
-	3	5886367.pn.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 19:41
-	4	algainn near12 refractive adj index	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 19:09
-	101	(optical adj guide near12 active adj layer) and light adj (emitting or light-emitting).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 19:11
-	22	(optical adj guide near6 active adj layer) and light adj (emitting or light-emitting).ti,ab. and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 19:11
-	5	hayashi.in. and light adj emitting.ti,ab.	US-PGPUB	2002/02/23 20:48
-	623	((257/96) or (257/97)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 20:51

-	478	((257/96) or (257/97)).CCLS.	USPAT	2002/02/23 20:54
-	50	leakage and (((("257/96") or ("257/97"))).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:00
-	4	(leakage and (((("257/96") or ("257/97"))).CCLS.)) and leakage adj3 layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:06
-	0	((leakage and (((("257/96") or ("257/97"))).CCLS.)) and leakage adj3 layer) and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:10
-	96	leakage adj current and nitride and active adj layer and light adj emitting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:14
-	94	leakage adj current and nitride and active adj layer and light adj emitting and (aluminum or al)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:13
-	41	leakage adj current and nitride and active adj layer and light adj emitting.ti,ab. and (aluminum or al)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:13
-	0	leakage adj current and nitride and active adj layer and light adj emitting and leakage adj2 (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:15
-	3	leakage adj current and active adj layer and light adj emitting and leakage adj2 (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/23 21:16
-	35	nakamura.in. and (blue near6 light-emitting)	USPAT; US-PGPUB;	2002/02/24 11:33
-	3	(nakamura.in. and (blue near6 light-emitting)) and leak\$3	EPO; JPO; DERWENT; IBM_TDB	2002/02/24 11:48
-	236	((leak\$3 near4 prevent\$3) near4 (layer or film)) and light adj emitting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 11:51
-	98	((leak\$3 near4 prevent\$3) near4 (layer or film)) and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 11:51
-	13	((leak\$3 near4 prevent\$3) near4 (layer or film)) and light adj emitting.ti,ab. and aluminum and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 11:57
-	47	((leak\$3 near4 prevent\$3) near4 (layer or film)).ti,ab. and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 11:58

-	5	((leak\$3 near4 prevent\$3) near4 (layer or film)).ti,ab. and light adj emitting.ti,ab. and nitride.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 12:46
-	0	ridged adj portion near6 cladding adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 12:48
-	1	ridged adj portion and light adj emitting.ti,ab. and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 13:25
-	116	(multiple adj quantum adj well or mqw) with advantage	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 13:26
-	6	((multiple adj quantum adj well or mqw) with advantage) and (light-emitting adj device or light adj emitting adj device).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:02
-	0	electric adj field adj distribution with laser adj light with (mqw or multiple adj quantum adj well)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:03
-	3	electric adj field adj distribution near12 (mqw or multiple adj quantum adj well)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:09
-	0	electric adj field adj distribution near12 (laser adj cavity)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:10
-	4	hayashi.in. and nitride and light adj emitting and leak\$3	USPAT; US-PGPUB; EPO; JPO;	2002/02/24 14:18
-	42	current adj blocking adj (film or layer) and light adj emitting.ti,ab. and nitride and aluminum	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:19
-	20	(current adj blocking adj (film or layer) near12 strip\$3) and light adj emitting.ti,ab. and nitride and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:21
-	13	(current adj blocking adj (film or layer) near12 strip\$3) and light adj emitting.ti,ab. and nitride and aluminum and (blue or violet)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:26
-	6	((current adj blocking adj (film or layer) near12 strip\$3) near12 (window or opening)) and light adj emitting.ti,ab. and nitride and aluminum and (blue or violet)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 14:35
-	0	((current adj blocking adj (film or layer) near12 strip\$3) near12 (window or opening)) near12 advantage) and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 15:39

-	37	optical adj guide adj (layer or film) near12 (contact adj layer or electrode) and light adj emitting.ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 15:41
-	16	optical adj guide adj (layer or film) near12 (contact adj layer or electrode) and light adj emitting.ti,ab. and nitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:03
-	345	(257/81).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	796	(257/82).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	665	(257/94).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	233	(257/95).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	1332	(257/99).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	922	(257/103).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:04
-	1122	(372/75).CCLS.	USPAT; US-PGPUB; EPO; JPO;	2002/02/24 16:04
-	461	(257/79).CCLS.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:05
-	461	(257/79).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:05
-	187	(257/79).CCLS.	USPAT	2002/02/24 16:10
-	5496	((("257/80").CCLS.) or (("257/81").CCLS.) or (("257/82").CCLS.) or (("257/94").CCLS.) or (("257/95").CCLS.) or (("257/99").CCLS.) or (("257/103").CCLS.) or (("372/75").CCLS.) or (("257/79").CCLS.) or (("257/79").CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:11
-	54	((("257/80").CCLS.) or (("257/81").CCLS.) or (("257/82").CCLS.) or (("257/94").CCLS.) or (("257/95").CCLS.) or (("257/99").CCLS.) or (("257/103").CCLS.) or (("372/75").CCLS.) or (("257/79").CCLS.) or (("257/79").CCLS.)) and optical adj guide adj (layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 16:58

-	5	((("257/80").CCLS.) or (("257/81").CCLS.) or (("257/82").CCLS.) or (("257/94").CCLS.) or (("257/95").CCLS.) or (("257/99").CCLS.) or (("257/103").CCLS.) or (("372/75").CCLS.) or (("257/79").CCLS.) or (("257/79").CCLS.)) and (clad\$4 adj (layer or film) near12 disadvantage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 17:45
-	2	6177292.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 18:03
-	3	5886367.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 21:27
-	2	6069394.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/24 21:27
-	22	(US-6258619-\$ or US-5578839-\$ or US-5777350-\$ or US-6242761-\$ or US-6084252-\$ or US-6107644-\$ or US-6172382-\$ or US-6232623-\$ or US-6054716-\$ or US-6060730-\$ or US-6307219-\$ or US-6298079-\$ or US-6072197-\$ or US-6153894-\$ or US-5874747-\$ or US-6323052-\$ or US-6281032-\$ or US-5537433-\$ or US-5886367-\$ or US-6069394-\$ or US-6083841-\$).did. or (US-20020003234-\$).did.	USPAT; US-PGPUB	2002/10/11 15:35
-	113	(band adj gap or band adj energy or energy adj gap) same (ingan or gainn) same gan	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 15:38
-	72	(band adj gap or band adj energy or energy adj gap) same (ingan or gainn) same gan same (light-emitting or light adj emitting or active)	USPAT; US-PGPUB; EPO; JPO;	2002/10/11 15:39
-	43	(band adj gap or band adj energy or energy adj gap) same (ingan or gainn) same gan same active adj layer	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 15:40
-	13	(band adj gap or band adj energy or energy adj gap) same (ingan or gainn) same gan same active adj layer same (higher or lower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 16:35
-	1	gan near12 guid\$3 adj layer same (ingan or gainn) near12 active adj layer and electrode near12 guid\$3 adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 16:39
-	35	gan near12 guid\$3 adj layer same (ingan or gainn) near12 active adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 17:31
-	4479	((257/79) or (257/80) or (257/81) or (257/82) or (257/94) or (257/95) or (257/99) or (372/103)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 17:33

-	5	((257/79) or (257/80) or (257/81) or (257/82) or (257/94) or (257/95) or (257/99) or (372/103)).CCLS.) and (optical adj guide or guid\$3 adj layer) nearl2 ridge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 17:41
-	48	((257/79) or (257/80) or (257/81) or (257/82) or (257/94) or (257/95) or (257/99) or (372/103)).CCLS.) and (optical adj guide or guid\$3 adj layer) and ridge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/11 17:42
-	2217	((257/79) or (257/81) or (257/99)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/12 19:40
-	2595	guid\$3 nearl layer and contact	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/12 19:41
-	42	((257/79) or (257/81) or (257/99)).CCLS.) and (guid\$3 nearl layer and contact)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/12 21:18
-	2	("6266355").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/12 21:18
-	455	(257/80).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/13 18:36
-	4439	ridge nearl2 thickness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/13 18:37
-	87	ridge nearl2 thickness and 257/\$6.ccls.	USPAT; US-PGPUB; EPO; JPO;	2002/10/13 18:38
-	125	ridge nearl2 (thickness or thick) and 257/\$6.ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/13 18:56
-	21	(US-5960020-\$ or US-6232623-\$ or US-6278137-\$ or US-6316785-\$ or US-5696626-\$ or US-5455433-\$ or US-5581116-\$ or US-4510519-\$ or US-4575919-\$ or US-4961197-\$ or US-5418374-\$).did. or (US-20020084452-\$ or US-20020125488-\$ or US-20010010373-\$ or US-20010010941-\$ or US-20010035532-\$ or US-20020003234-\$ or US-20020024052-\$ or US-20020053676-\$).did. or (EP-525779-\$).did. or (JP-61042179-\$).did.	USPAT; US-PGPUB; EPO; JPO	2002/10/13 18:58

-	21	((US-5960020-\$ or US-6232623-\$ or US-6278137-\$ or US-6316785-\$ or US-5696626-\$ or US-5455433-\$ or US-5581116-\$ or US-4510519-\$ or US-4575919-\$ or US-4961197-\$ or US-5418374-\$).did. or (US-20020084452-\$ or US-20020125488-\$ or US-20010010373-\$ or US-20010010941-\$ or US-20010035532-\$ or US-20020003234-\$ or US-20020024052-\$ or US-20020053676-\$).did. or (EP-525779-\$).did. or (JP-61042179-\$).did.) and (thickness or thick) near12 ridge	USPAT; US-PGPUB; EPO; JPO	2002/10/13 19:32
-	89	257/\$6.ccls. and (thick or thickness) near6 ridge	USPAT; US-PGPUB; EPO; JPO	2002/10/13 19:31
-	2	((US-5960020-\$ or US-6232623-\$ or US-6278137-\$ or US-6316785-\$ or US-5696626-\$ or US-5455433-\$ or US-5581116-\$ or US-4510519-\$ or US-4575919-\$ or US-4961197-\$ or US-5418374-\$).did. or (US-20020084452-\$ or US-20020125488-\$ or US-20010010373-\$ or US-20010010941-\$ or US-20010035532-\$ or US-20020003234-\$ or US-20020024052-\$ or US-20020053676-\$).did. or (EP-525779-\$).did. or (JP-61042179-\$).did.) and (".mu.m" or micron or nm) near12 ridge	USPAT; US-PGPUB; EPO; JPO	2002/10/13 19:52
-	7	257/\$6.ccls. and (purpose or advantage) near3 ridge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/13 20:01
-	14	257/\$6.ccls. and ridge.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/13 20:04
-	16	257/\$6.ccls. and (ridge and (light-emitting or light adj emitting)).ti,ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/10/13 20:06
			IBM TDB	